



# FEMA



Prepared by:  
*Jennifer McNatt*

# FEMA Region 6 Weather Threat Briefing

Saturday, June 2, 2018

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).

## Today

- Slight risk of severe storms over E OK, much of AR and into NE TX. Damaging winds and hail are the main threats, an isolated tornado possible in N AR.
- Some of the storms later today may produce heavy rain across AR into NE TX and NW LA which may lead to some isolated flooding.
- Heat advisories are in effect for portions of the Region today; temperatures of 100 – 107 degrees are expected across much of TX.
- Elevated fire weather conditions are possible over NM into W TX.

## Sunday

- Strong to severe storms possible over much of NM into W TX in the afternoon and evening; damaging winds and large hail are possible.
- Some of the storms in the afternoon/evening over NM may produce heavy rain which may lead to isolated flash flooding, especially over central NM and also on recent burn scars.
  - This includes the Ute Park wildfire that is currently burning in N-Central NM.
- Elevated fire weather conditions possible over far W NM.

## Monday - Wednesday

- Strong to severe storms possible on Monday over the E Panhandles, W OK, and NW through N-Central TX; damaging winds and large hail are the main threats.
- No significant weather expected Tuesday/Wednesday.

## Tropical Outlook

- Tropical cyclone activity is not expected during the next five days.

# FEMA Region 6 Threat Matrix

June 2, 2018 – June 6, 2018



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DAY / THREAT	SAT	SUN	MON	TUE	WED
Severe Storms	E OK, AR, NETX	NM, WTX	E Panhandles, W OK, NWTX		
	E OK, NETX, N LA				
Heavy Rain / Flash Flooding	AR, NETX, NW LA	NM			
Fire Weather	NM, WTX	Far W NM			
Tropical Weather					
River Flooding					

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria.  
State or local threat level criteria may differ.\*  
For more details on the colors in the threat matrix refer to the last slide in this briefing.*



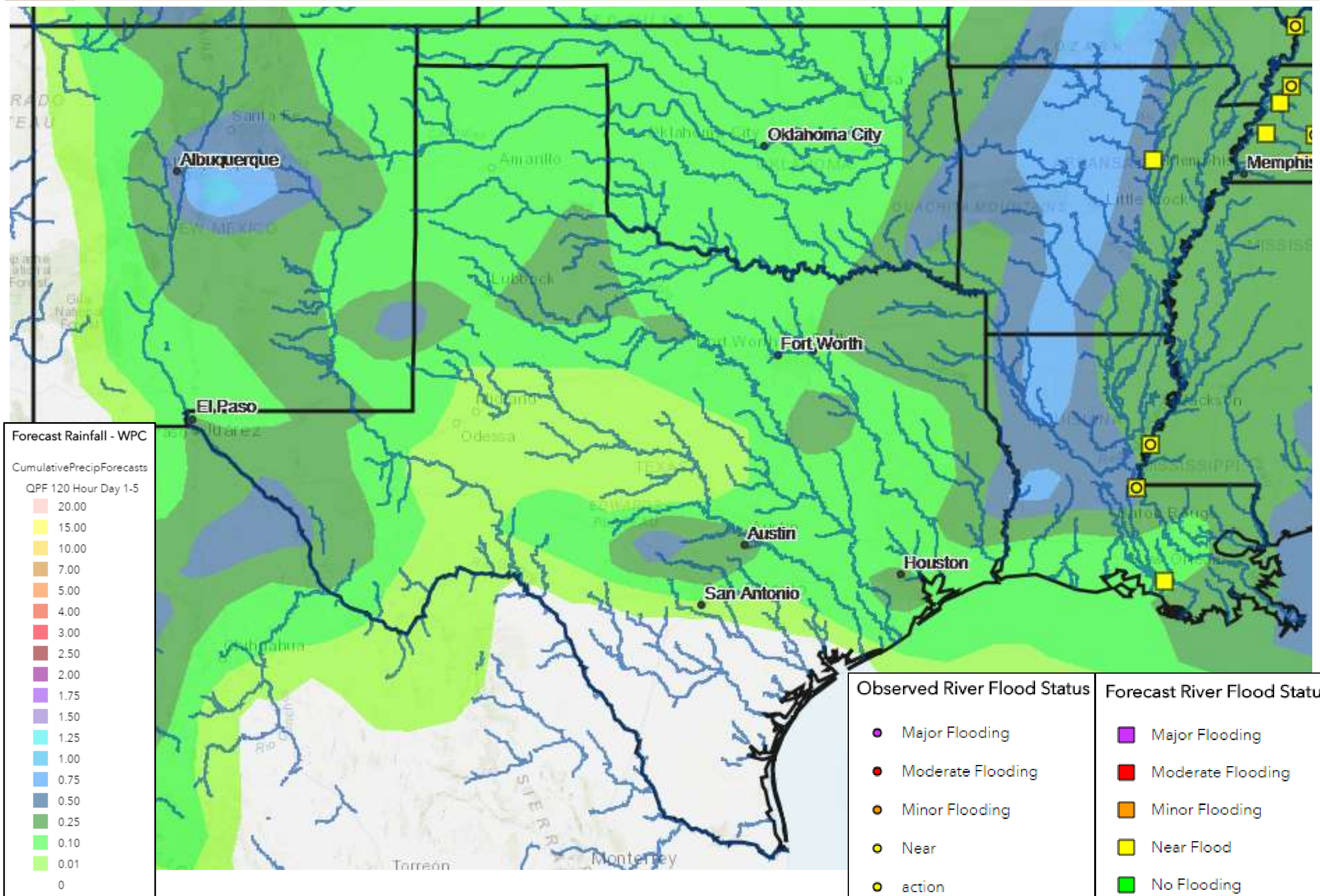
# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*

The Ute Park wildfire is burning in N-Central NM. There is a possibility of locally heavy rain in this area on Sunday, leading to some concern that the burn may cause more runoff than normal in this area, so some flooding is possible.

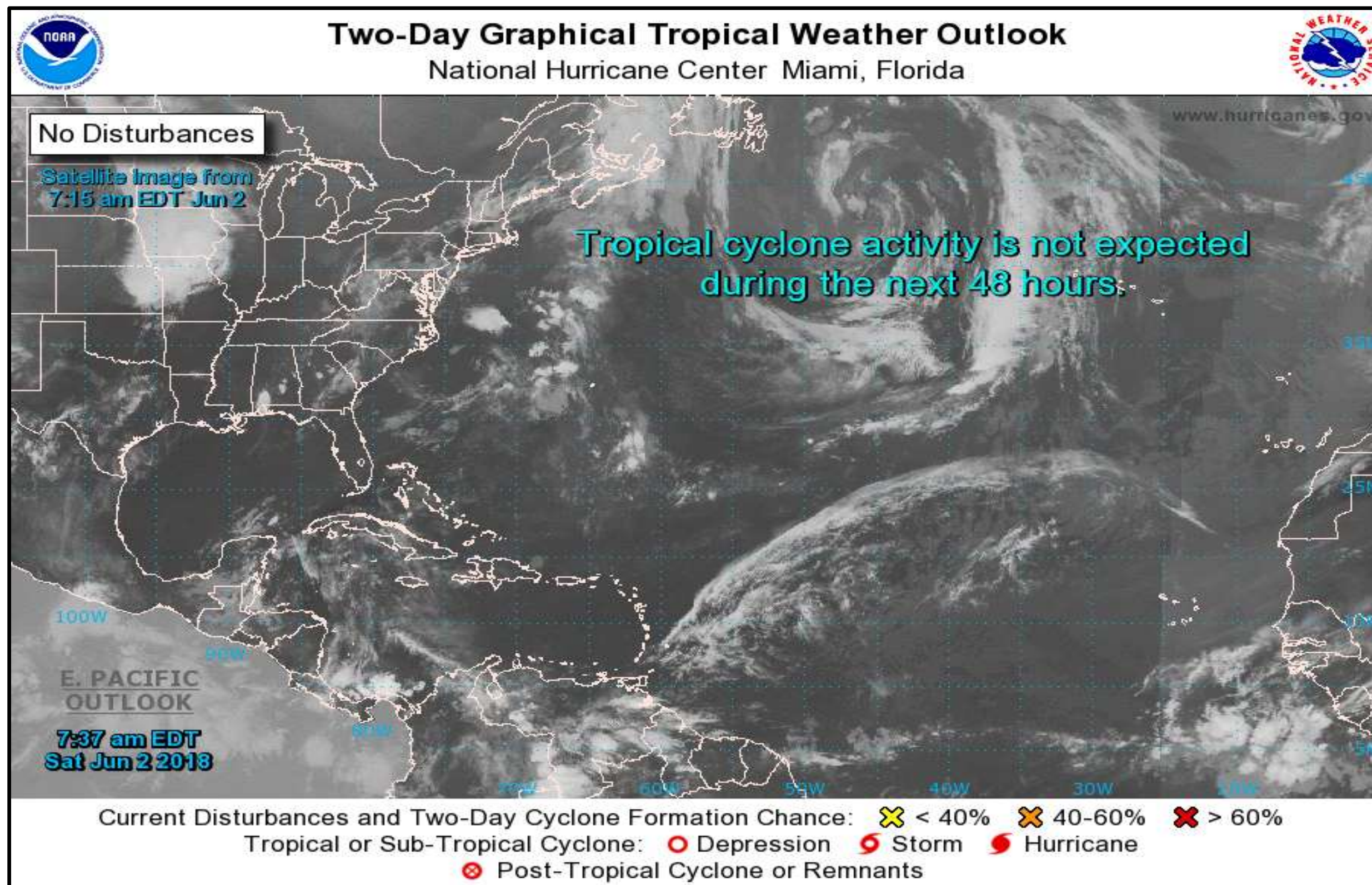




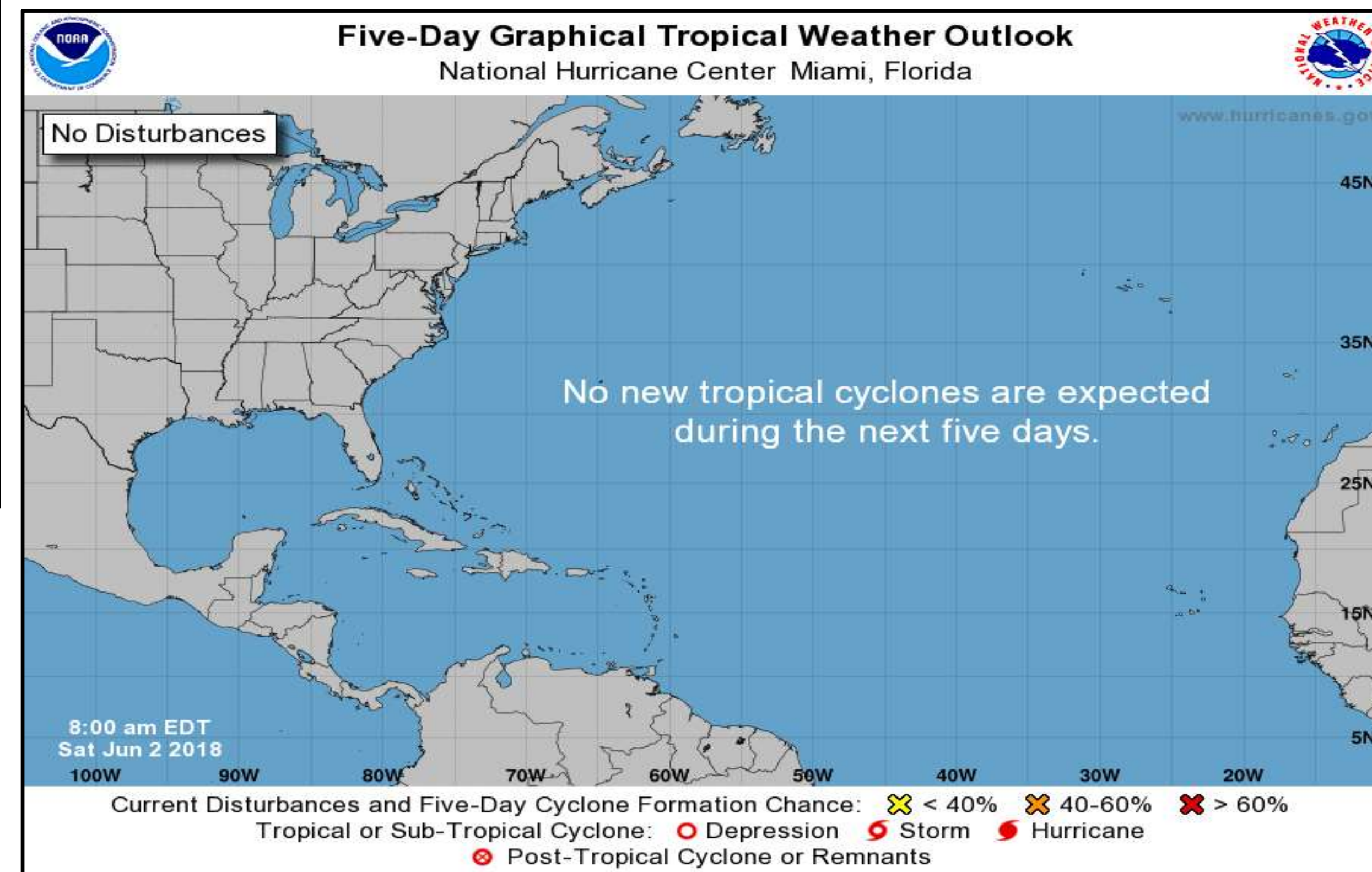
# Tropical Weather Outlook



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**Tropical cyclone activity is not expected during the next five days.**



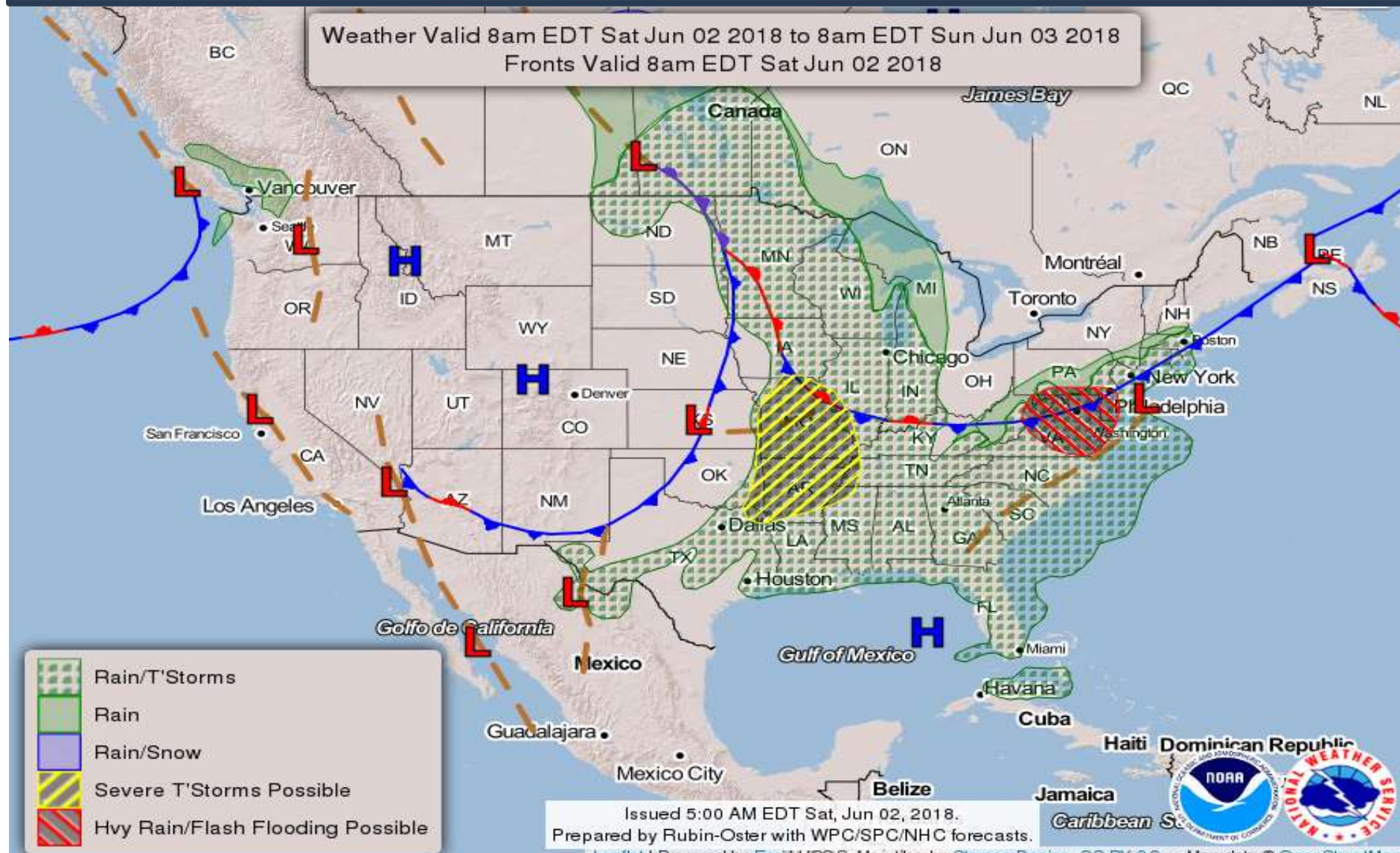


# Today's Weather



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## Forecast Chart



## Forecast Rainfall



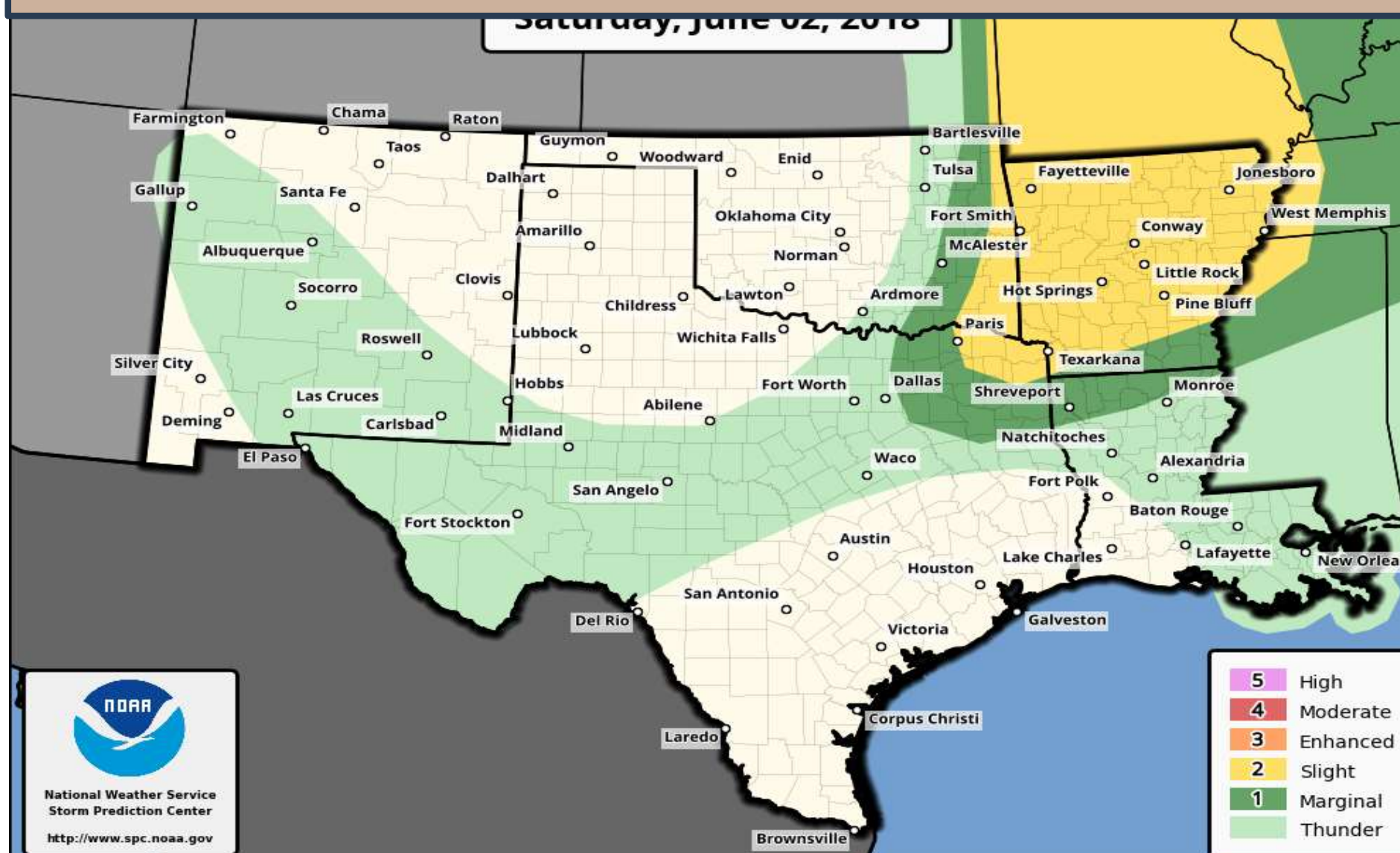
**Slight risk of severe storms over E OK, much of AR and into NE TX. Damaging winds and hail are the main threats, an isolated tornado possible in N AR.**

**Some of the storms later today may produce heavy rain across AR into NE TX and NW LA which may lead to some isolated flooding.**

**Heat advisories are in effect for portions of the Region today; temperatures of 100 – 107 degrees are expected across much of TX.**

**Elevated fire weather conditions are possible over NM into W TX.**

## Severe Weather Outlook



## Excessive Rainfall Outlook

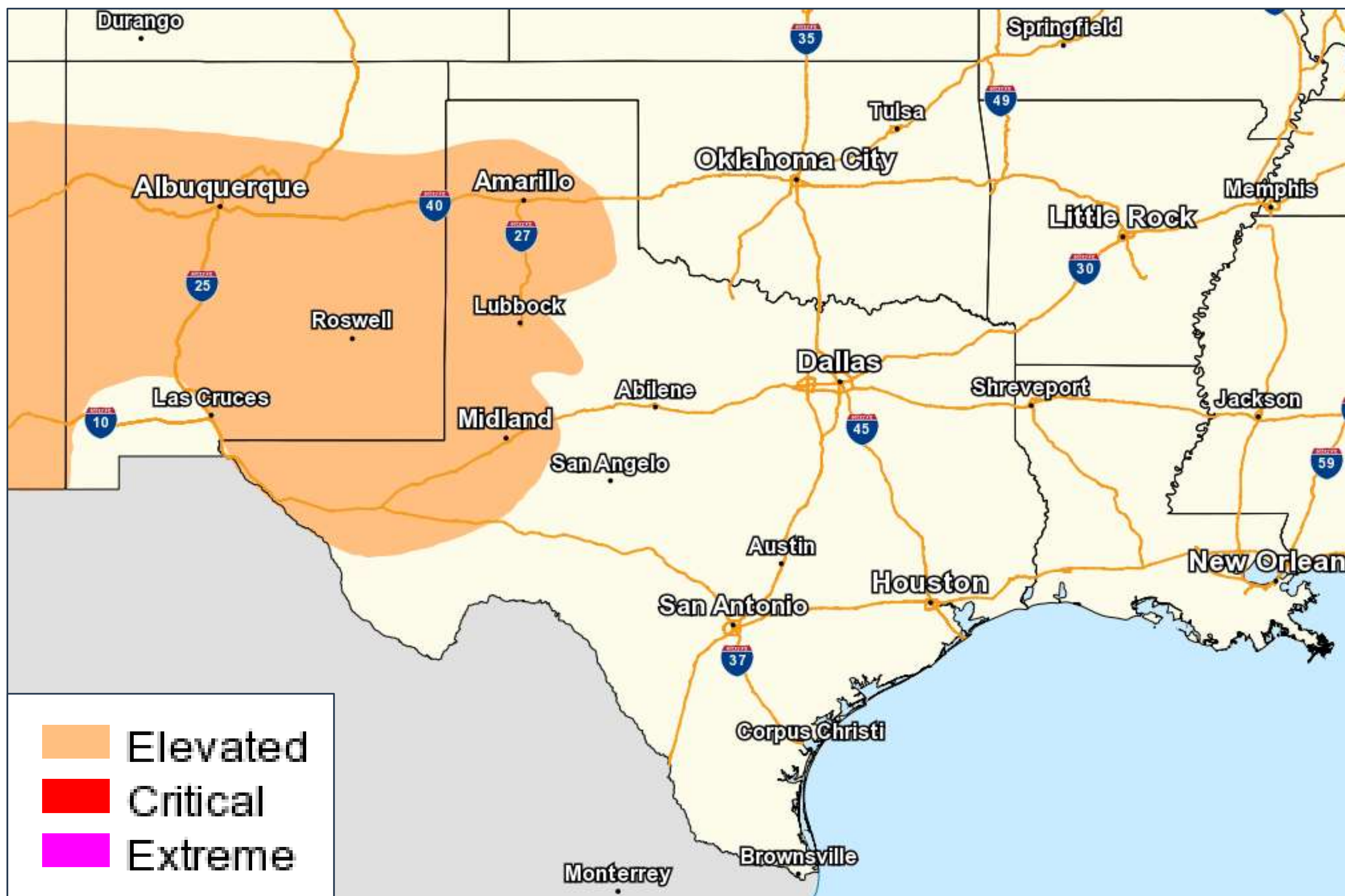




# Today's Fire Weather Outlook



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**Elevated fire weather conditions across much of NM into W TX.**



# Tomorrow's Weather



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## Forecast Chart

## Forecast Rainfall

**Strong to severe storms possible over much of NM into W TX in the afternoon and evening; damaging winds and large hail are possible.**

**Some of the storms in the afternoon/evening over NM may produce heavy rain which may lead to isolated flash flooding, especially over central NM and also on recent burn scars.**

**Elevated fire weather conditions possible over far W NM.**

## Severe Weather Outlook

## Excessive Rainfall Outlook

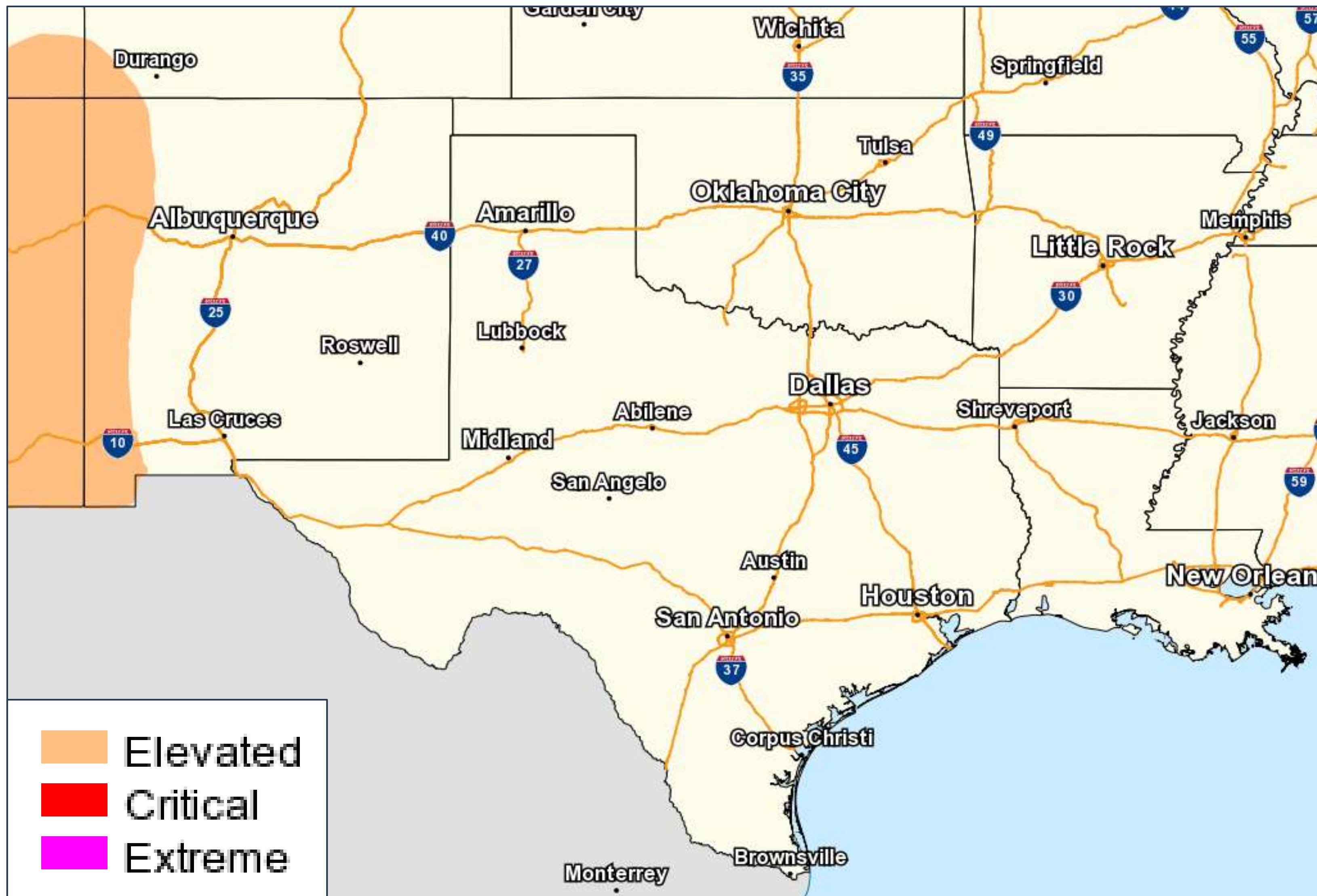
Risk of rainfall exceeding flash flood guidance within 25 miles of a point to the right of a line  
**HIGH: > 50%** **SLGT: 10%-20%**  
**MDT: 20%-50%** **MRGL: 5%-10%**



# Tomorrow's Fire Weather Outlook



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**Elevated fire weather conditions possible  
over far W NM.**

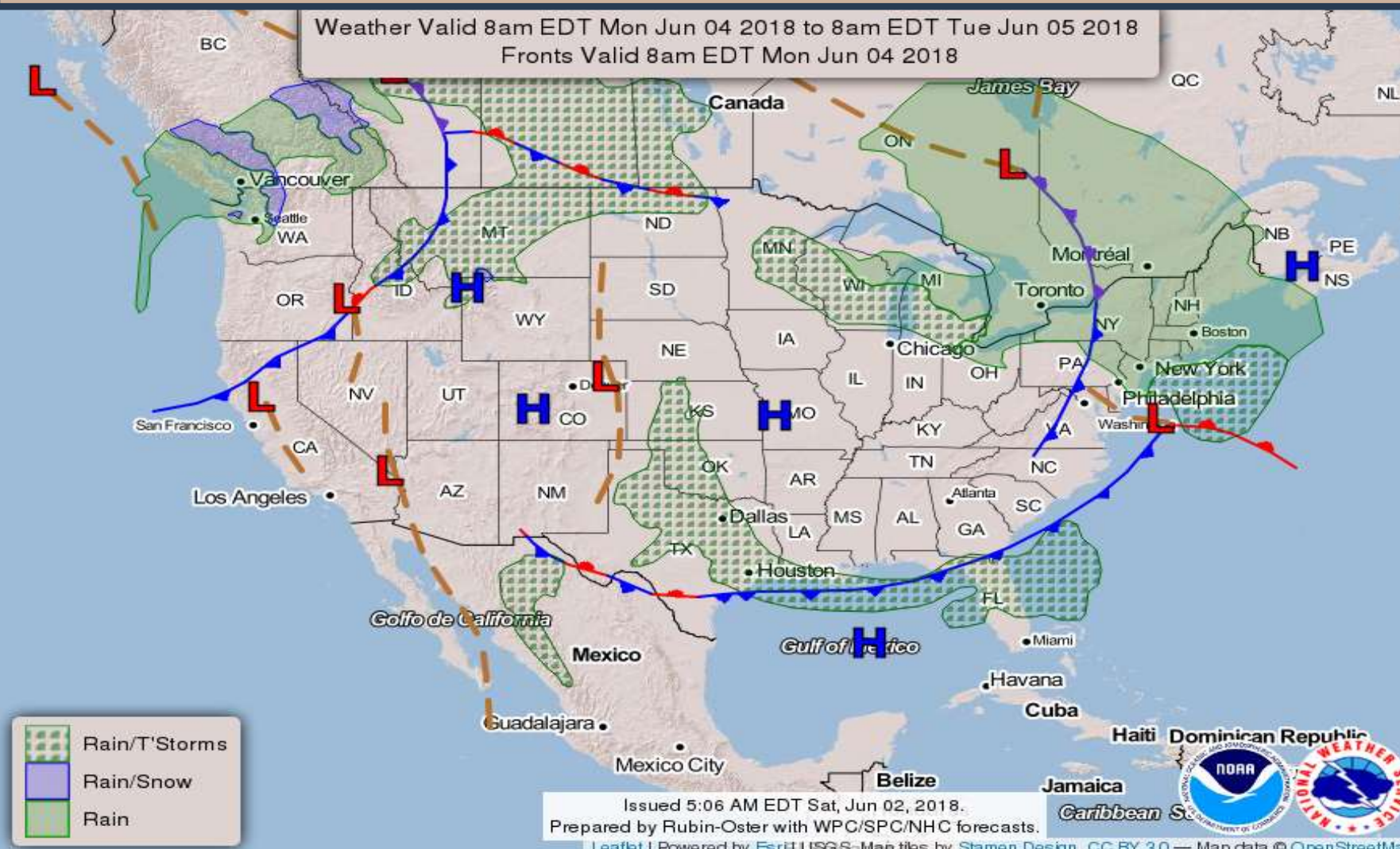


# Monday's Weather



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## Forecast Chart

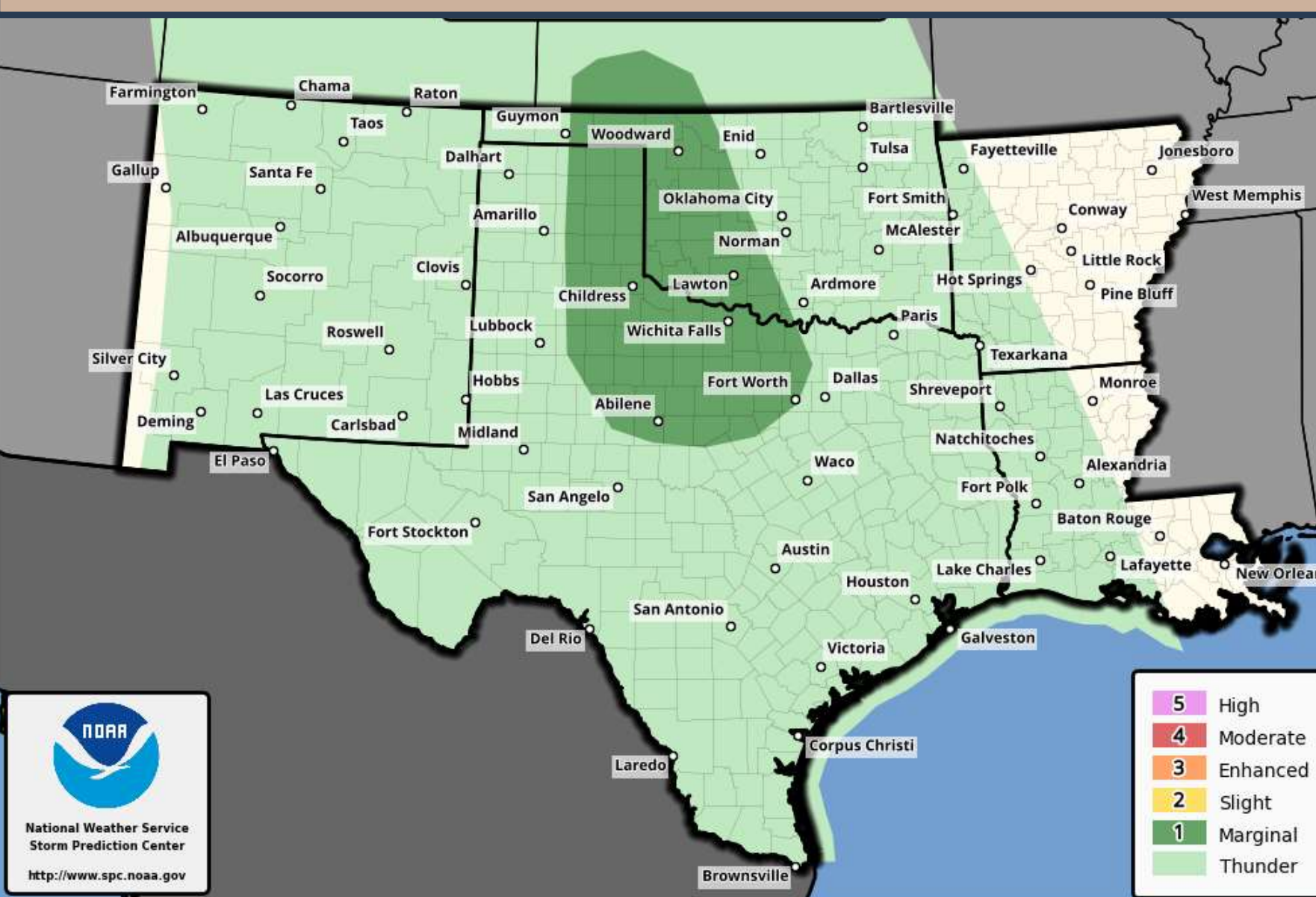


## Forecast Rainfall

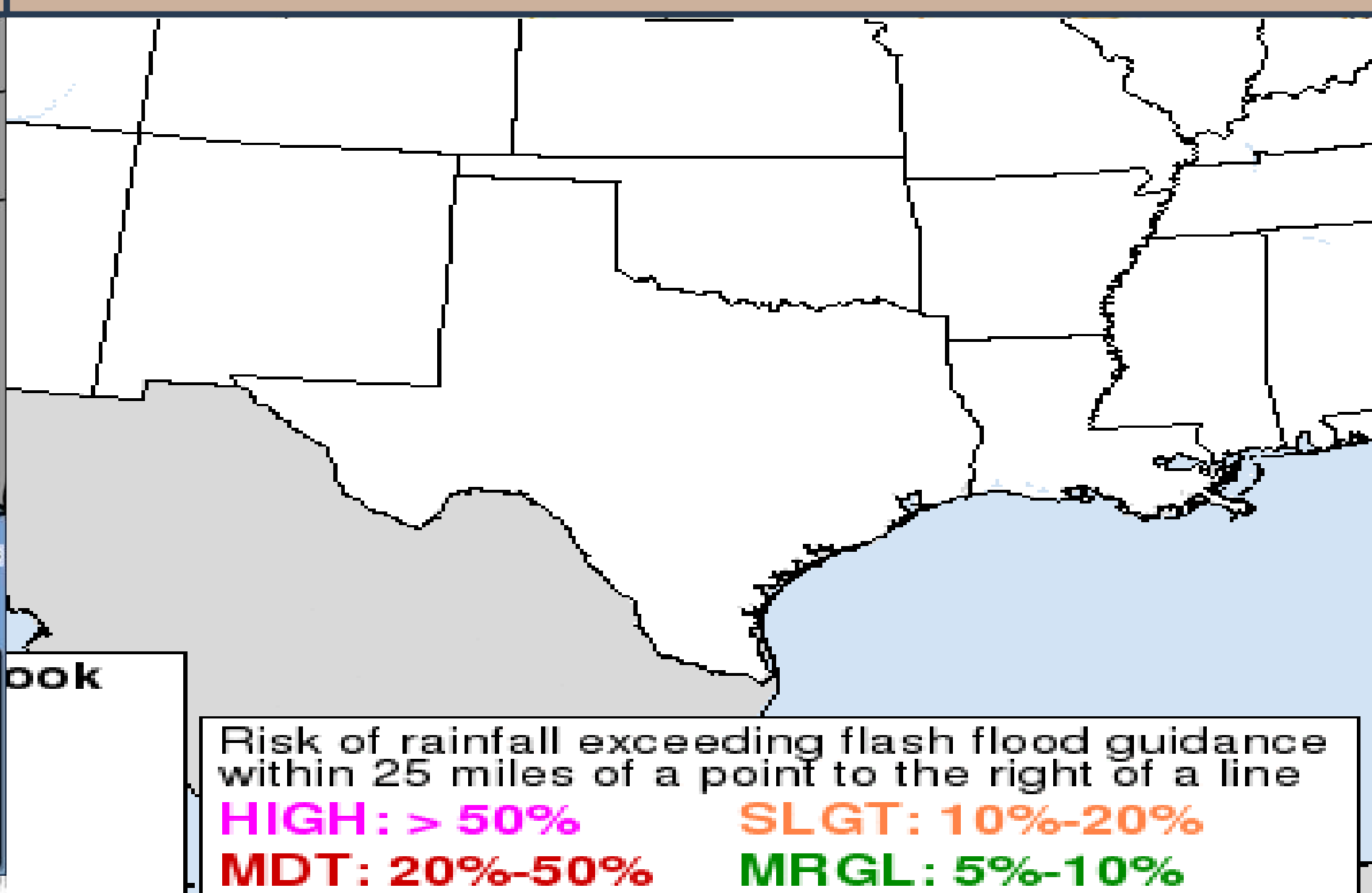


**Strong to severe storms possible over the E Panhandles, W OK, and NW through N-Central TX; damaging winds and large hail are the main threats.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



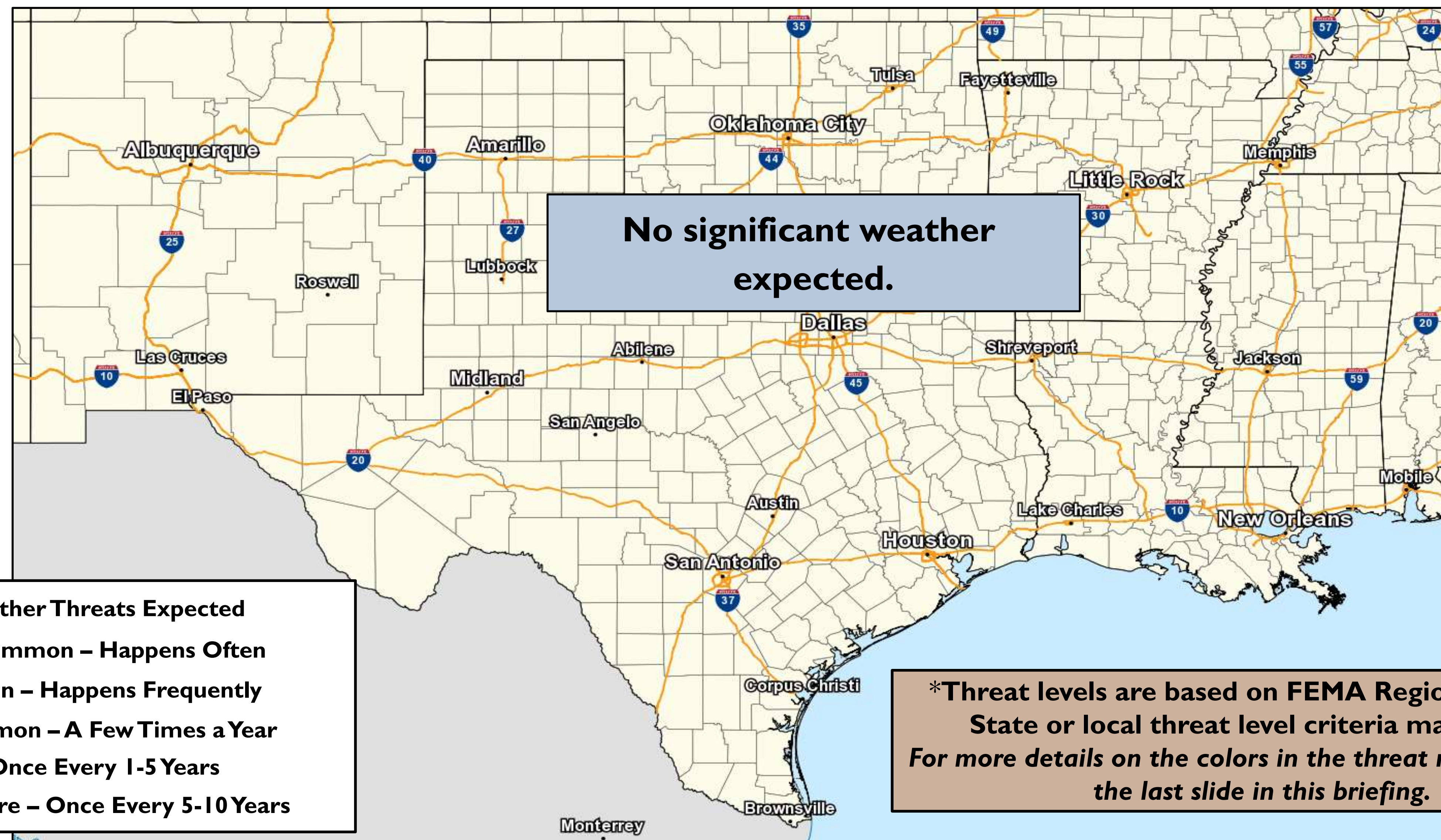


# Days 4-5 Weather Hazards

Tuesday - Wednesday



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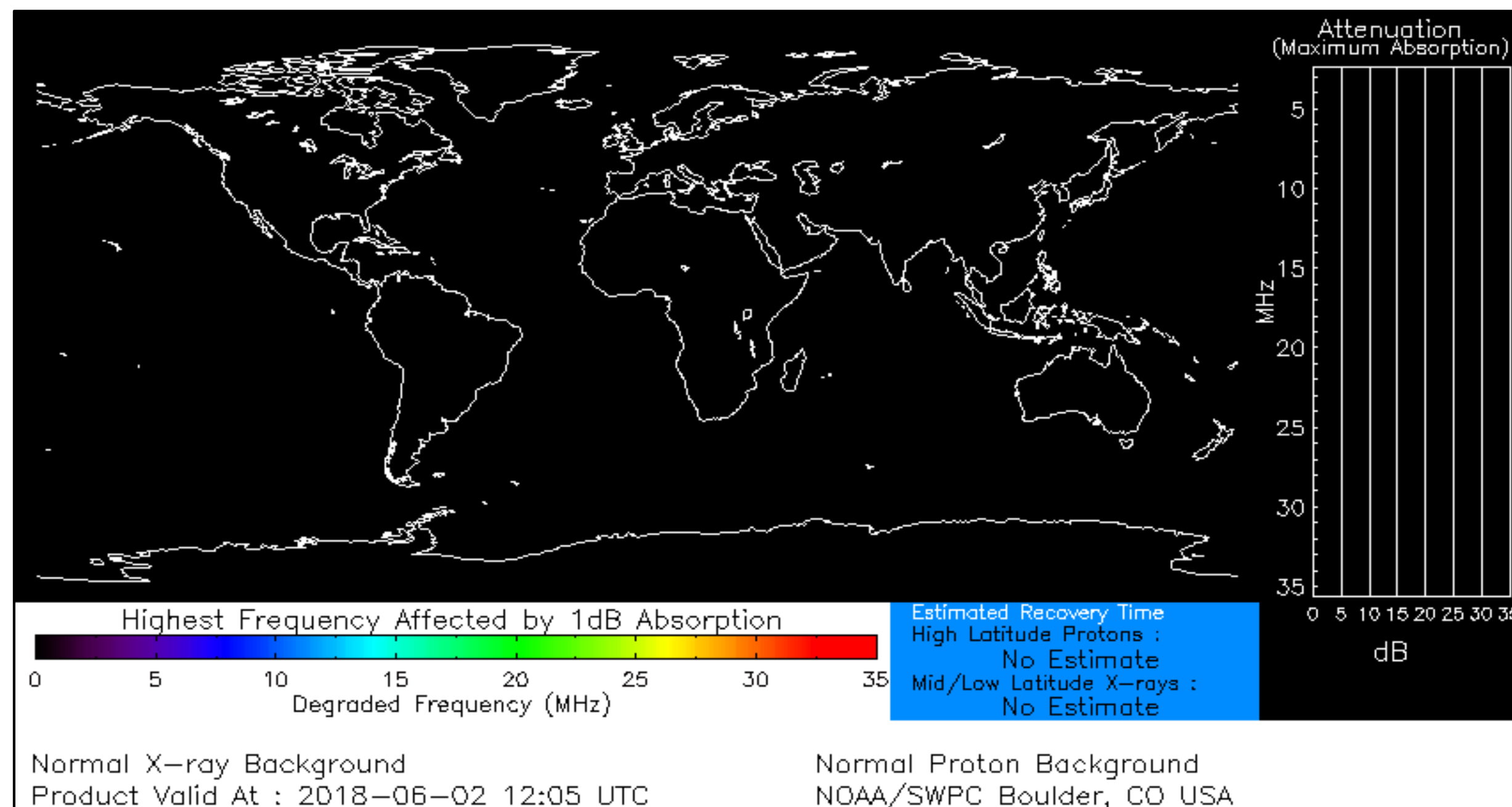


# Space Weather 3-Day Forecast



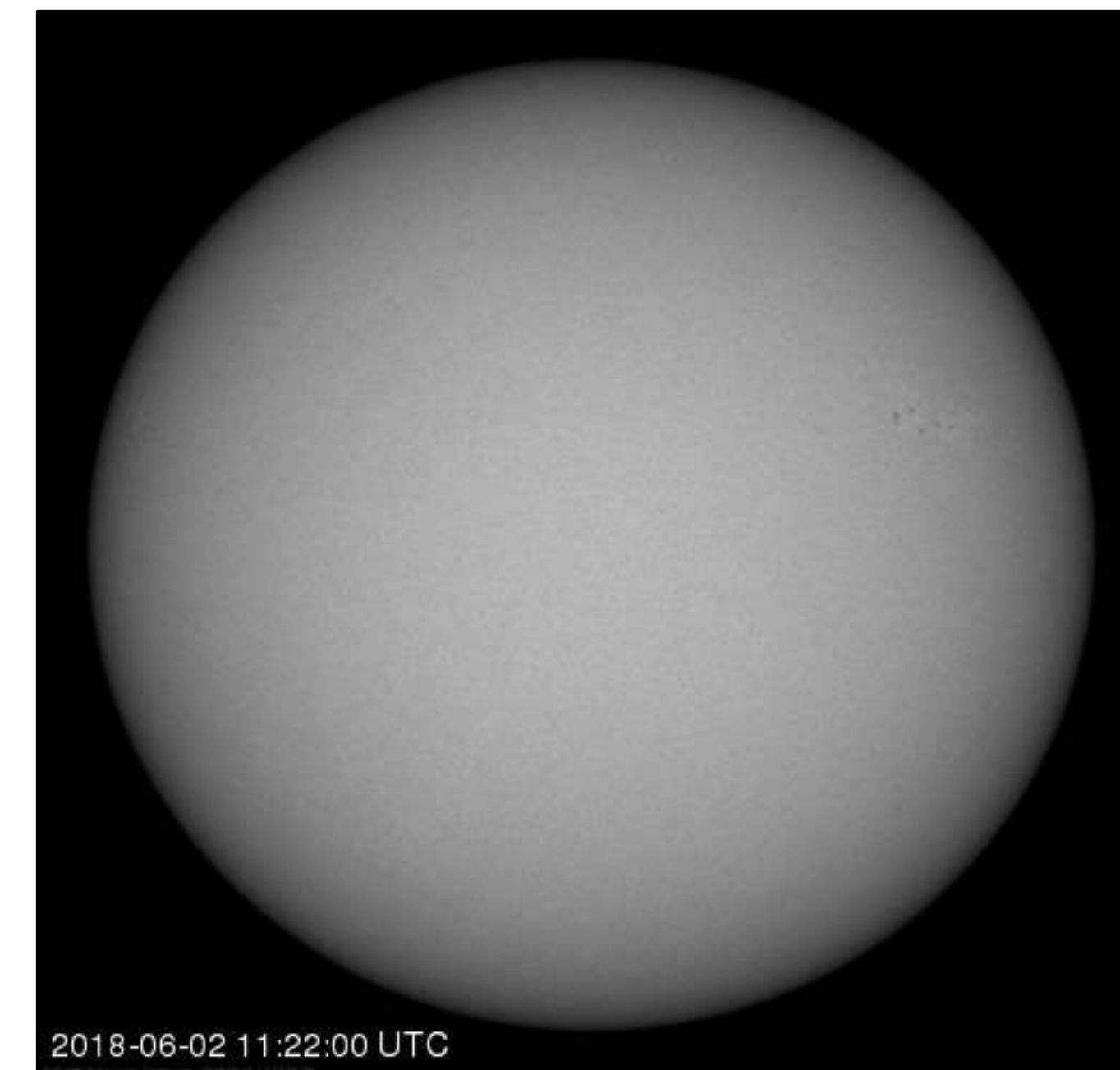
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	Saturday	Sunday	Monday
<b>Geomagnetic Storms</b>	<b>Minor (G1) Storm (Max Kp = 5)</b>	<b>Unsettled to Active (Max Kp = 4)</b>	<b>Quiet to Unsettled (Max Kp = 3)</b>
<b>Solar Radiation Storm (S1-S5)</b>	1%	1%	1%
<b>Radio Blackout (R1-R2)</b>	1%	1%	1%
<b>Radio Blackout (R3-R5)</b>	1%	1%	1%



[Click here for a  
Description of the Space  
Weather Storm Scales](#)

[Click here for the Latest  
3-Day Space Weather  
Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**